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Sequence Listing could not be accepted.
If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).
Reviewer: Anne Corrigan
Timestamp: Fri Aug 03 17:58:57 EDT 2007

==========

****

Reviewer Comments:
<210> 9
<211> 20
<212> DNA
<213> Artificial

<220>
<223> Artificial sequence

The above <223> explanation for "Artificial Sequence" is insufficient; please give the source of the genetic material. Same error in Sequence 10.

<210> 17
<211> 528
<212> DNA
<213> Cotton

Please give the Genus species of the <213> response above. Per 1.823 of the Sequence Rules, the only valid <213> responses are: Genus species, "Artificial Sequence," or "Unknown." Same error in Sequences 18-20.

****

Validated By CRFValidator v 1.0.2

Application No: 10594418 Version No: 1.0

Input Set:

Output Set:

Started: 2007-07-27 19:19:48.737
Finished: 2007-07-27 19:19:50.647
Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 910 ms
Total Warnings: 23
Total Errors: 0
No. of SeqIDs Defined: 27
Actual SeqID Count: 27

Error code	Error Description
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W 213	Artificial or Unknown found in <213> in SEQ ID (2)
W 213	Artificial or Unknown found in <213> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (6)
W 213	Artificial or Unknown found in <213> in SEQ ID (7)
W 213	Artificial or Unknown found in <213> in SEQ ID (8)
W 213	Artificial or Unknown found in <213> in SEQ ID (9)
W 213	Artificial or Unknown found in <213> in SEQ ID (10)
W 213	Artificial or Unknown found in <213> in SEQ ID (11)
W 213	Artificial or Unknown found in <213> in SEQ ID (12)
W 213	Artificial or Unknown found in <213> in SEQ ID (13)
W 213	Artificial or Unknown found in <213> in SEQ ID (14)
W 213	Artificial or Unknown found in <213> in SEQ ID (15)
W 213	Artificial or Unknown found in <213> in SEQ ID (16)
W 213	Artificial or Unknown found in <213> in SEQ ID (21)
W 213	Artificial or Unknown found in <213> in SEQ ID (22)
W 213	Artificial or Unknown found in <213> in SEQ ID (23)
W 213	Artificial or Unknown found in <213> in SEQ ID (24)

Input Set:

Output Set:

Started: 2007-07-27 19:19:48.737
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Total Warnings: 23
Total Errors: 0
No. of SeqIDs Defined: 27
Actual SeqID Count: 27

Error code	Error Description
	This error has occured more than 20 times, will not be displayed

SEQUENCE LISTING

<110> Hexima Limited
Poon, Simon
Heath, Robyn L.
Clarke, Adrienne E.

<120> Arabinogalactan Protein Compositions and Methods for Fostering Somatic Embryonic Competence

<130> 12639240/AJH

<140> 10594418
<141> 2007-07-27

<150> 10/594,418
<151> 2005-03-31

<150> 60/558,609
<151> 2004-03-01

<160> 27

<170> PatentIn version 3.4

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<400> 1

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1 5 10 15

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<220>
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<400> 2

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<210> 3
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<213> Artificial

<220>
<223> Synthetic peptide

<400> 3

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<213> Artificial

<220>
<223> Synthetic peptide

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<220>
<223> Synthetic peptide

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<220>
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<220>
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gctttcgaac ccaaatgcta ctag 84

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20 25

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<220>
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<220>
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<400> 16
ccccttaata attcagcacc 20

<210> 17
<211> 528
<212> DNA

<213> Cotton

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tcttctgaat cagattctct caacaaatgg gctgaaaaag ctcgtttcca aatcggcgac 180

tctctcgtgt ggaaatatga tggtggtaaa gactcggtgc tccaagtgag taaggaggat 240

tatacaagtt gcaatacgtc gaacccgatt gccgagtaca aagatgggaa caccaaggtg 300

aagcttgaaa agtcaggacc atatttcttc atgagtggag caaagggcca ctgcgagcaa 360

ggccagaaga tgattgtggt tgtgatgtct caaaagcata ggtacattgg aatctctcca 420

gcaccttcgc cggttgattt tgaaggtccg gccgttgctc caacaagcgg agttgcaggg 480

ttgaaggctg gtttgttggt gacagtgggg gttttggggt tgttttga 528

<210> 18
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<212> PRT
<213> Cotton

<400> 18

Met Ala Ala Lys Ala Phe Ser Arg Ser Ile Thr Pro Leu Val Leu Leu
1 5 10 15

Phe Ile Phe Leu Ser Phe Ala Gln Gly Lys Glu Ile Met Val Gly Gly
20 25 30

Lys Thr Gly Ala Trp Lys Ile Pro Ser Ser Glu Ser Asp Ser Leu Asn
35 40 45

Lys Trp Ala Glu Lys Ala Arg Phe Gln Ile Gly Asp Ser Leu Val Trp
50 55 60

Lys Tyr Asp Gly Gly Lys Asp Ser Val Leu Gln Val Ser Lys Glu Asp
65 70 75 80

Tyr Thr Ser Cys Asn Thr Ser Asn Pro Ile Ala Glu Tyr Lys Asp Gly
85 90 95

Asn Thr Lys Val Lys Leu Glu Lys Ser Gly Pro Tyr Phe Phe Met Ser
100 105 110

```
Gly Ala Lys Gly His Cys Glu Gln Gly Gln Lys Met Ile Val Val Val
        115                 120                 125

Met Ser Gln Lys His Arg Tyr Ile Gly Ile Ser Pro Ala Pro Ser Pro
    130                 135                 140

Val Asp Phe Glu Gly Pro Ala Val Ala Pro Thr Ser Gly Val Ala Gly
145                 150                 155                 160

Leu Lys Ala Gly Leu Leu Val Thr Val Gly Val Leu Gly Leu Phe
                165                 170                 175
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<210> 19
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<213> Cotton

<400> 19

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tcatcacagg gttataagtt ctatgttggt ggtagagacg gttgggttgt tagtccttct    120

gagaactaca atcattgggc tgaaaggaat agattccaag tcaatgatac tctcttttc     180

aagtacaaga aagggtcaga ctcggtgctg ttggtaacaa gagaagatta cttctcatgc    240

aacaccaaga acccaattca gtctttaaca gaaggtgatt cactctttac atttgatcgg    300

tcgggtccct tctttttcat caccggtaac gctgataatt gcaaaaaagg gcaaaagctg    360

atcgtcgtgg tcatggctgt aagacacaaa ccccagcaac aacctccttc accttctccc    420

tcatctgctg tgacaacagc gccggtttct ccacccacat tacccattcc tgaaactaac    480

cctcctgtag agtcaccaaa gagcagtgag gctccatctc atgatgctgt ggaaccagct    540

ccgccggagc acagatcggg ttcattcaaa ctagtatgtt ctacctggct ggtgttgggt    600

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<400> 20

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Met Gly Phe Glu Arg Tyr Leu Ala Ser Val Leu Ile Val Ile Met Leu
1               5                   10                  15

Ser Phe Ile Thr Ser Ser Gln Gly Tyr Lys Phe Tyr Val Gly Gly Arg
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```
            20                  25                  30

Asp Gly Trp Val Val Ser Pro Ser Glu Asn Tyr Asn His Trp Ala Glu
        35                  40                  45

Arg Asn Arg Phe Gln Val Asn Asp Thr Leu Phe Phe Lys Tyr Lys Lys
    50                  55                  60

Gly Ser Asp Ser Val Leu Leu Val Thr Arg Glu Asp Tyr Phe Ser Cys
65                  70                  75                  80

Asn Thr Lys Asn Pro Ile Gln Ser Leu Thr Glu Gly Asp Ser Leu Phe
                85                  90                  95

Thr Phe Asp Arg Ser Gly Pro Phe Phe Phe Ile Thr Gly Asn Ala Asp
            100                 105                 110

Asn Cys Lys Lys Gly Gln Lys Leu Ile Val Val Val Met Ala Val Arg
        115                 120                 125

His Lys Pro Gln Gln Gln Pro Pro Ser Pro Ser Pro Ser Ser Ala Val
    130                 135                 140

Thr Thr Ala Pro Val Ser Pro Pro Thr Leu Pro Ile Pro Glu Thr Asn
145                 150                 155                 160

Pro Pro Val Glu Ser Pro Lys Ser Ser Glu Ala Pro Ser His Asp Ala
                165                 170                 175

Val Glu Pro Ala Pro Pro Glu His Arg Ser Gly Ser Phe Lys Leu Val
            180                 185                 190

Cys Ser Thr Trp Leu Val Leu Gly Phe Gly Ile Trp Val Ser Met Ala
        195                 200                 205

Leu Gly Ile Glu Asn Val Val Cys Phe Trp Cys
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<220>

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<220>
<223> Synthetic primer

<400> 22
ctagattcca atgtacctat gcttttgaga c 31

<210> 23
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<212> DNA
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<220>
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<400> 23
caccctggtt ccgcgtggat cctataagtt ctatgttggt ggtag 45

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<212> DNA
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<220>
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<400> 24
ctattgttgc tggggtttgt gtcttacagc catg 34

<210> 25
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<212> PRT
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<220>
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<400> 25

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1 5 10 15

Tyr Lys Lys Ala Gly Ser Ala Ala Ala Pro Phe Thr Leu Val Pro Arg

```
            20                  25                  30

Gly Ser Lys Glu Ile Met Val Gly Gly Lys Thr Gly Ala Trp Lys Ile
        35                  40                  45

Pro Ser Ser Glu Ser Asp Ser Leu Asn Lys Trp Ala Glu Lys Ala Arg
    50                  55                  60

Phe Gln Ile Gly Asp Ser Leu Val Trp Lys Tyr Asp Gly Gly Lys Asp
65                  70                  75                  80

Ser Val Leu Gln Val Ser Lys Glu Asp Tyr Thr Ser Cys Asn Thr Ser
                85                  90                  95

Asn Pro Ile Ala Glu Tyr Lys Asp Gly Asn Thr Lys Val Lys Leu Glu
            100                 105                 110

Lys Ser Gly Pro Tyr Phe Phe Met Ser Gly Ala Lys Gly His Cys Glu
        115                 120                 125

Gln Gly Arg Lys Met Ile Val Val Val Met Ser Gln Lys His Arg Tyr
    130                 135                 140

Ile Gly Ile
145


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<220>
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Tyr Lys Lys Ala Gly Ser Ala Ala Ala Pro Phe Thr Leu Val Pro Arg
            20                  25                  30

Gly Ser Tyr Lys Phe Tyr Val Gly Gly Arg Asp Gly Trp Val Val Ser
        35                  40                  45
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```
Pro Ser Glu Asn Tyr Asn His Trp Ala Glu Arg Asn Arg Phe Gln Val
    50                  55                  60

Asn Asp Thr Leu Phe Phe Lys Tyr Lys Lys Gly Ser Asp Ser Val Leu
65                  70                  75                  80

Leu Val Thr Arg Glu Asp Tyr Phe Ser Cys Asn Thr Lys Asn Pro Ile
                85                  90                  95

Gln Ser Leu Thr Glu Gly Asp Ser Leu Phe Thr Phe Asp Arg Ser Gly
            100                 105                 110

Pro Phe Phe Phe Ile Thr Gly Asn Ala Asp Asn Cys Lys Lys Gly Gln
        115                 120                 125

Lys Leu Ile Val Val Val Met Ala Val Arg His Lys Pro Gln Gln Gln
    130                 135                 140
```

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<223> Synthetic peptide

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Lys Glu Ile Met Val Gly Gly Lys Thr Gly Ala Trp Lys Ile Pro
1               5                   10                  15
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